

Scenario Worksheet

Practice and Scenario Description:

Information Type	Data
Region	Delta States
State	Louisiana
Discipline Group	Range/Pasture Grazing
Practice Code/Name	315 - Herbaceous Weed Control
Scenario ID	1
Scenario Name	Biological
Scenario Description	Management of herbaceous plant species through the use of livestock that are closely herded to concentrate grazing on undesired herbaceous species. Stands of herbaceous weed species that exceed the desirable ecological site condition. This scenario is an alternative for organic producers.
Before Practice Situation	Area consist of tends of herbaceous weed species that exceed the desirable ecological site condition degrading forage quality, promoting noxious and invasive species, increasing risk of soil erosion and degrading wildlife habitat.
After Practice Situation	Woody species are grazed to limit the regrowth of herbaceous weed species and achieve a desirable plant community based on species composition, structure, density, and canopy cover or height. Ecological site condition is progressing in an upward trend, hydrology and plant health and vigor is returning to near normal levels.
Scenario Feature Measure	Acres teated
Scenario Unit	Acre
Scenario Typical Size	10

Cost Summary:

Cost Category	Scenario Cost	Scenario Cost/Unit
Materials	\$10.00	\$1.00
Equipment/Installation	\$138.12	\$13.81
Labor	\$74.28	\$7.43
Mobilization	\$0.00	\$0.00
Acquisition of Technical Knowledge	\$0.00	\$0.00
Foregone Income	\$0.00	\$0.00
Total	\$222.40	\$22.24

Cost Details:

Cost Category	Component ID	Component Name	Component Description	Unit	Price (\$/unit)	Quantity	Cost
Materials	1130	Animals used for biological weed control	Goats, Llamas, Sheep - Includes all support: fence, water, dog, mob, etc.	Head per day	\$1.00	10	\$10.00
Equipment/Installation	961	Trucking, moving livestock to new paddock	Livestock transportation costs to implement a grazing rotation using a gooseneck trailer 6'8" x 24'. Includes equipment, power unit and labor costs.	Mile	\$2.21	20	\$44.20
Equipment/Installation	939	Truck, Pickup	Equipment and power unit costs. Labor not included.	Hour	\$23.48	4	\$93.92
Labor	231	General Labor	Labor performed using basic tools such as power tool, shovels, and other tools that do not require extensive training. Ex. pipe layer, herder, concrete placement, materials spreader, flagger, etc.	Hour	\$18.57	4	\$74.28